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Docket No. ___IL-10814___   Customer No. ___24981___

Commissioner for Patents

Washington, DC 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

Jackson C. Koo and Conrad M. Yu

For (title):   **STABLE GLOW DISCHARGE DETECTOR**

1.   **Type of Application**

  ■   This new application is for an original patent.

  ❏   This new application is a:

    ❏   Division

    ❏   Continuation

    ❏   Continuation-in-part (CIP)

2.   **Benefit of Prior U.S. Application(s) (35 USC 120)**

  ❏   The new application being transmitted claims the benefit of prior
  U.S. application(s).

3.   ❏ **Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below:**_____
  Application Serial No.   Filing Date

4.   **Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).**

  __14__ Pages of specification

  __3__ Pages of claims

  __1__ Pages of abstract

  __1__ Sheets of drawings

    ■   formal
  _____

5.   **Additional papers enclosed**

  ❏   Preliminary Amendment

  ❏   Information Disclosure Statement

  ❏   Form PTO-1449

6.   **Declaration or oath**

■ Enclosed and executed by

    ■   inventors

    ❑   legal representative of inventor(s) 37 CFR 1.42 or 1.43

❑   Not Enclosed

7. Assignment

■ ✓ An assignment of the invention to <u>The Regents of the University of California</u>.

    ■   is attached

    ❑   will follow

8. Certified Copy

Certified copy(ies) of application(s)

(country)	(application no.)	(filed)

(country)	(application no.)	(filed)

from which priority is claimed

    ❑   is(are) attached.

    ❑   will follow

9. Fee Calculation

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	17	-20 =	0	x $18 =	$ 0000
Independent Claims	2	-3 =	0	x $80 =	$ 00.00
			Multiple Claims	=	$
			Basic Filing Fee	=	$ 710.00
			Sub-Total	=	$ 710.00
			Small Entity Filing Fee=		$ 355.00

10. **Small Entity Statement(s)**

   ■ Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.

   Filing Fee Calculation (50% of regular filing fee) $ _____355.00

11. **Fee Payment**
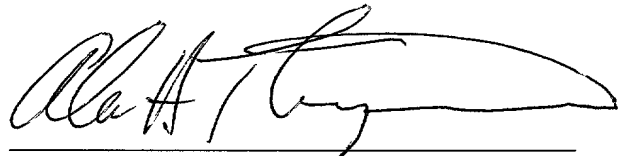   ❑ Not Enclosed
   ■ Enclosed (See Account No. Below)

   Total Basic Filing Fees To Be Paid $ _____355.00

12. **Method of Payment of Fees**
   ❑ Check in the Amount of $ _____
   ■ Charge Account No. **12-0695** in the amount of $ **355.00**
   A duplicate of this transmittal is attached.

13. **Instructions As To Overpayment/Underpayment**
   ■ credit/charge
   Account No.   **12-0695**
   ❑ refund

   Alan H. Thompson
   ATTORNEY
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Dated: ___7/30/2001___

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jackson C. Koo et al.

Attorney Docket No.: IL-10814

Serial No. :

Art Unit:

Filed :

Examiner:

For : **STABLE GLOW DISCHARGE DETECTOR**

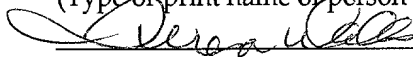**Commissioner for Patents
Washington, D.C. 20231**

EXPRESS MAIL CERTIFICATE

"Express Mail" label number _EL533019533US_

Date of Deposit_____7/30/2001_____

I hereby certify that the following *attached*
1. Recordation Cover Sheet
2. Assignment
3. New Application Transmittal (in duplicate)
4. Application:
   (Specification 14 pages, Claims 3 pages, Abstract 1 page)
   Combined Declaration and Power of Attorney, One (1)
   sheet of formal drawings
5. Verified Statement Claiming Small Entity Status
6. Certificate of Mailing
7. Return postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box: Patent Application, Washington, D.C. 20231.

Teresa Walls
_____
(Type or print name of person mailing paper)
_____
(Signature of person mailing paper or fee)